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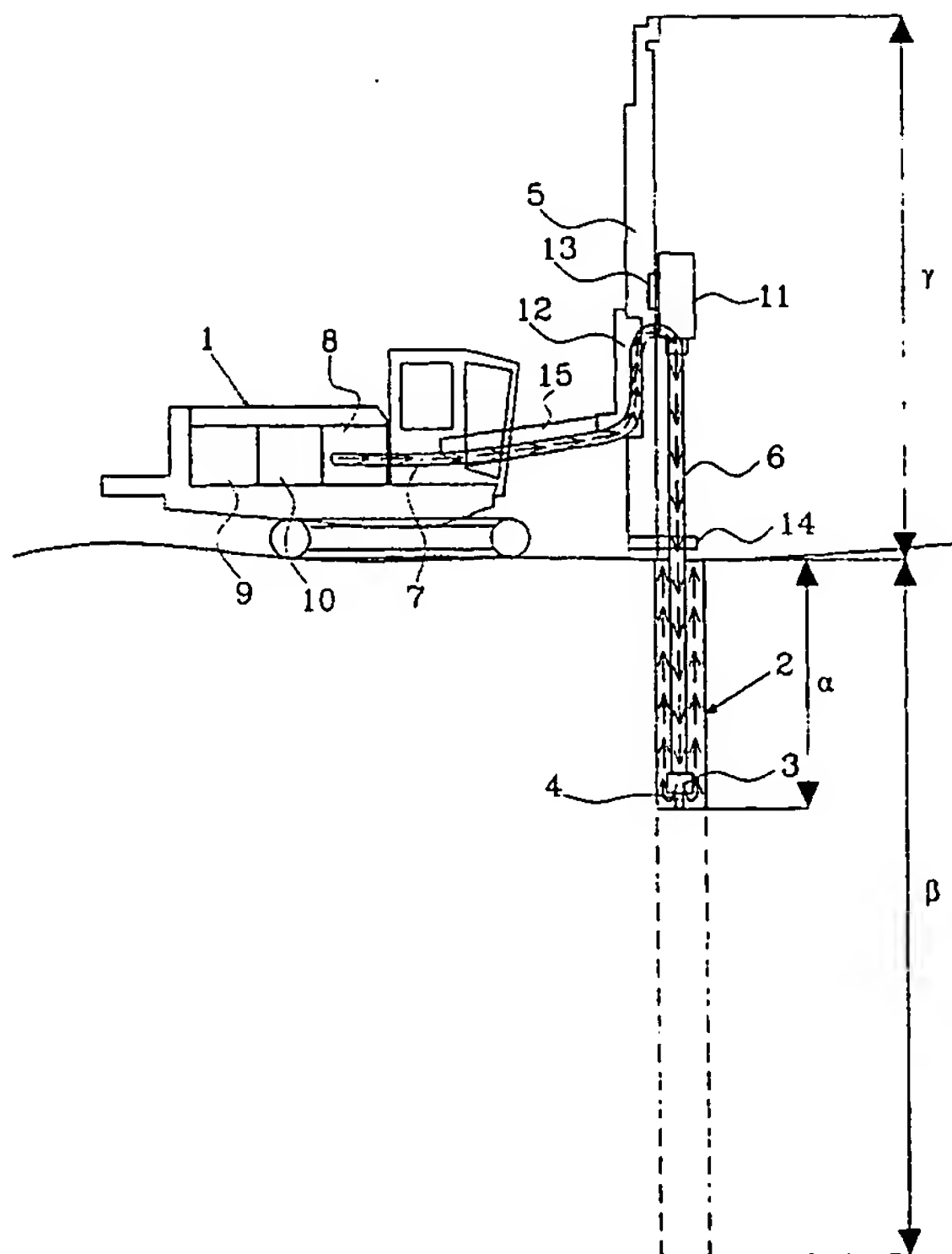
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(54) Title: **METHOD AND SYSTEM FOR CONTROLLING POWER CONSUMPTION DURING A ROCK DRILLING
PROCESS AND A ROCK DRILLING APPARATUS THEREFORE**



(57) Abstract: Method for controlling power consumption during a rock drilling process with a rock drilling apparatus, wherein the rock drilling apparatus includes main power supply means for supplying power for the rock drilling process, which includes at least the sub-processes of percussion and/or rotation and flushing, the method comprising the steps of: - adjusting the flush power at least partly as a function of hole depth, and controlling at least the percussion power and/or rotational power and the flush power such that the total power consumption of each sub-process is controlled.

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